

ABSTRACT OF THE DISCLOSURE

A glove has a palmer portion and finger portions configured for placement of a base layer of the palmer portion in contact with a palm of a hand when the glove is fully engaged. A topper layer of the palmer portion is fixedly engaged over the base layer with a resilient pad engaged between the base and topper layers. The resilient pad is outlined by a first stitching of elongated oval shape, and is parted by a second, approximately linear stitching extending at an angle across the palmer portion in correspondence with a lateral fold in the palm of the hand, bifurcating the palmer overlayer which protects and stabilizes the memory foam, which mitigates by absorption a portion of the recoil/vibration produced by discharge of a firearm, prior to that absorption which is normally transmitted to the lower, and upper arms, shoulders and torso of the human body.

This action of "pre-absorption at the hand(s) of the shooter/operator by this design-specific palmer side memory foam "palm swell" offers anatomically custom-fitted full contact in the palmer region of contact with the long gun, and /or handgun by means of a convex protrusion of the topper layers fitting the concave structure of the human hand, providing significant increase in contact with the contact points, i.e. stock of the firearm (long gun, or handgun) and the gloved hand. This in turn, offers reduction in fatigue associated with repetitive shots in a session.

Prior art has addressed issues of permanent damage of repetition by Fabry (5,214,799) Claim 12. expressly concerned with carpal tunnel syndrome, which does not address the new art of application 10775589, in that this new art is expressly concerned with short-term recoil vibration dampening, preventing transmission to the arm(s), shoulders, and torso, resulting in reduction of short-term fatigue. Fabry offers a relatively flat insulating surface which primarily addresses the aspect of grip, while the art of application 10775589 teaches an ergonomically oriented convex pad of resilient memory foam designed to fill the concave void of a partially folded human hand, which dissipates energy.

Prior art has addressed issues of protection from fire/powder flash, and maintaining integrity of material that could be incised at trigger finger by means of circular stitchings to prevent unraveling of material by Hatch (6,760,924) which does not address the teachings of application 10775589 for preventing recoil vibration from being transmitted to hands, arms, and torso of wearer, thus reducing effects of fatigue, thus improving performance i.e. greater percentage of accuracy, or score at time of activity.

Prior art of Fabry, and Hatch does not address the reinforcement strips on middle finger, and thumb stall as taught by application 10775589 for protection against cuts from sharp/pointed metal firearm components such as shell extractors, and abrasion from checkering of stock, as well as providing added absorbing layers at key impact points, such as back of trigger guard of a typical firearm.

Docket#: Ono.T-01

- 5 Prior art has addressed issues of extending a topper layer of material of a commonly anticipated garment such as a glove, toward the wrist of wearer by Berger (4,531,241) to mitigate the results of repetitive motions with heavy hand held equipment that results in carpal tunnel syndrome. This art is somewhat generic in that it teaches the accepted features of a "glove" as commonly defined for offering a protective layer of material to deflect friction, and the resulting wear. It does not address the ergonomically convex "palm swell" feature that fills the concave void of the anatomy of the human hand, which is specifically aimed at mitigating recoil vibration that causes fatigue of operators of firearms, and the like as taught by the new art of application # 10775589
- 10

¶ 5.02 Format of Certificate of Mailing or Transmission

The following are suggested formats for either a Certificate of Mailing or Certificate of Transmission under 37 CFR 1.8(a). The certification may be included with all correspondence concerning this application or proceeding to establish a date of mailing or transmission under 37 CFR 1.8(a). Proper use of this procedure will result in such communication being considered as timely if the established date is within the required period for reply. The Certificate should be signed by the individual actually depositing or transmitting the correspondence or by an individual who, upon information and belief, expects the correspondence to be mailed or transmitted in the normal course of business by another no later than the date indicated.

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on 10-07-05

(Date)

Typed or printed name of person signing this certificate:

SCOTT A FARMER

Signature: Scott A Farmer